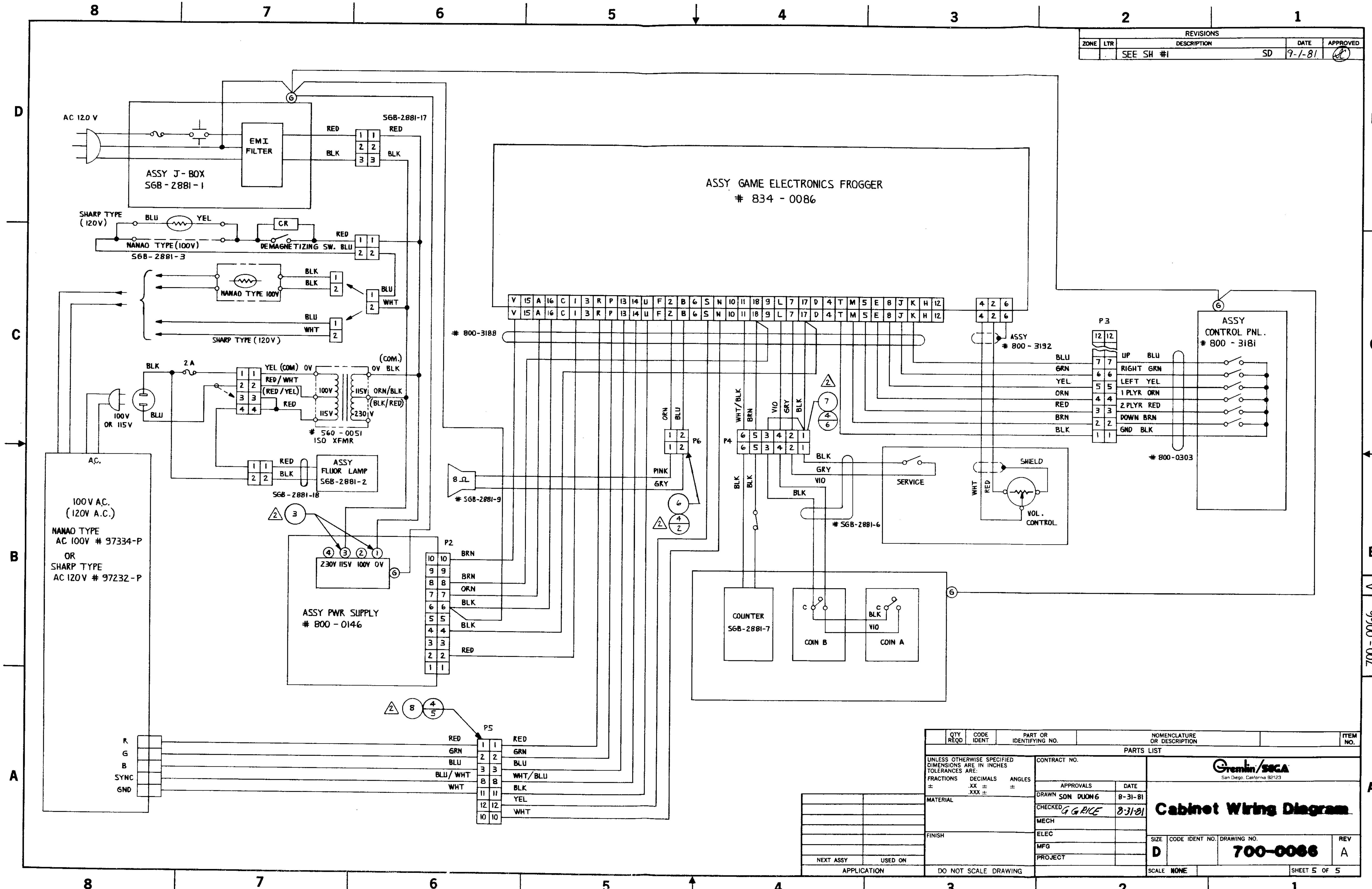
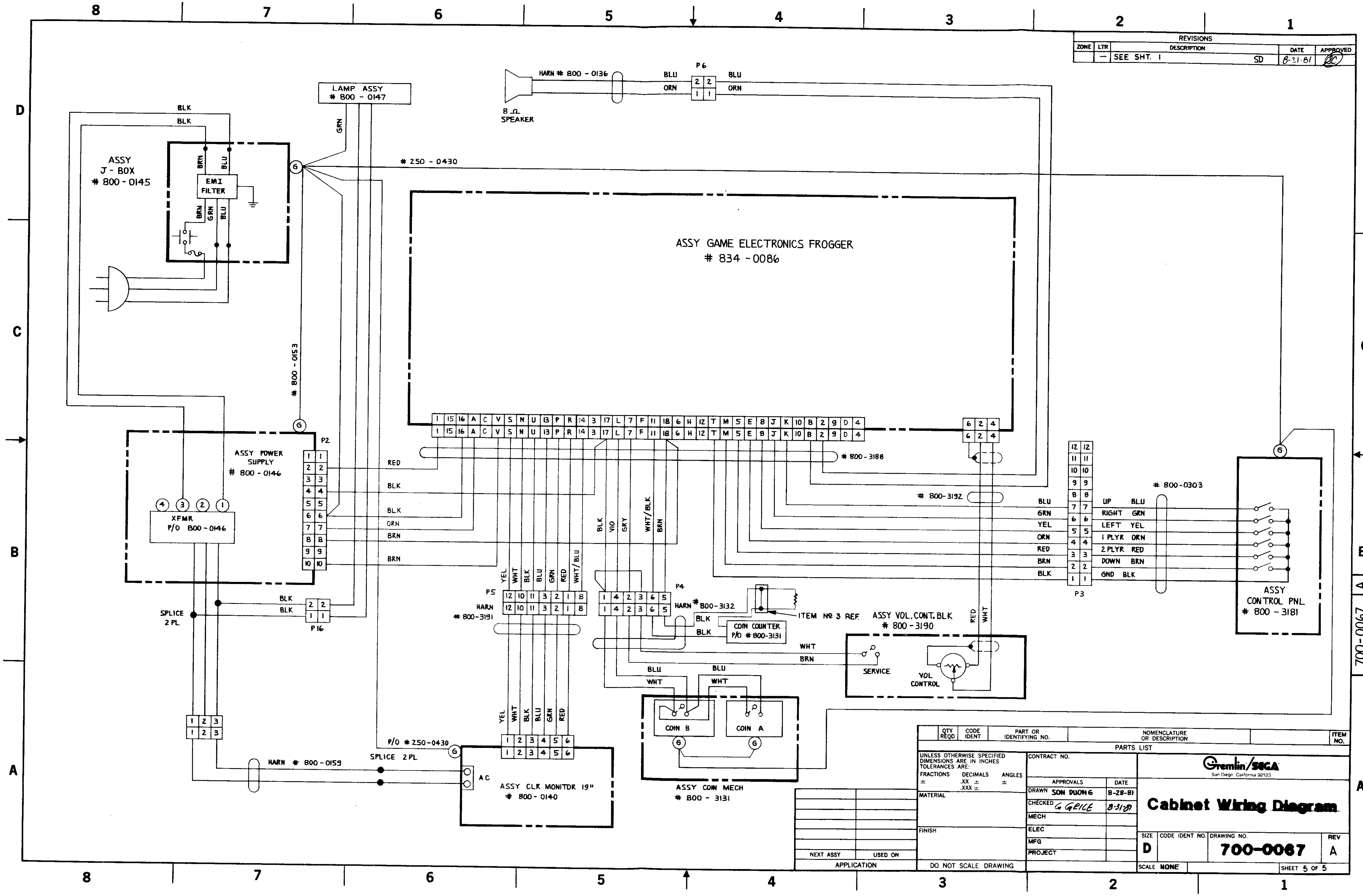
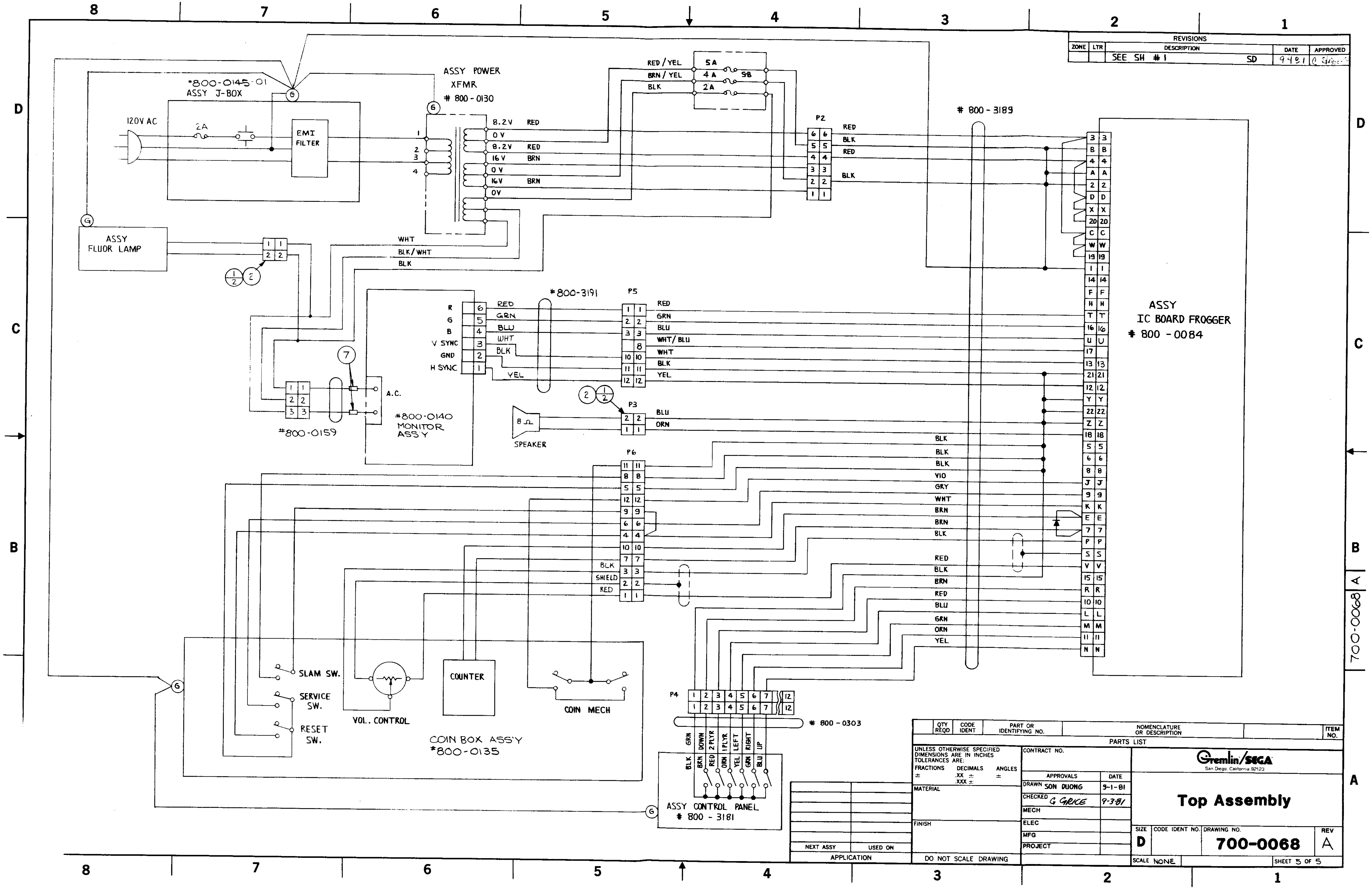
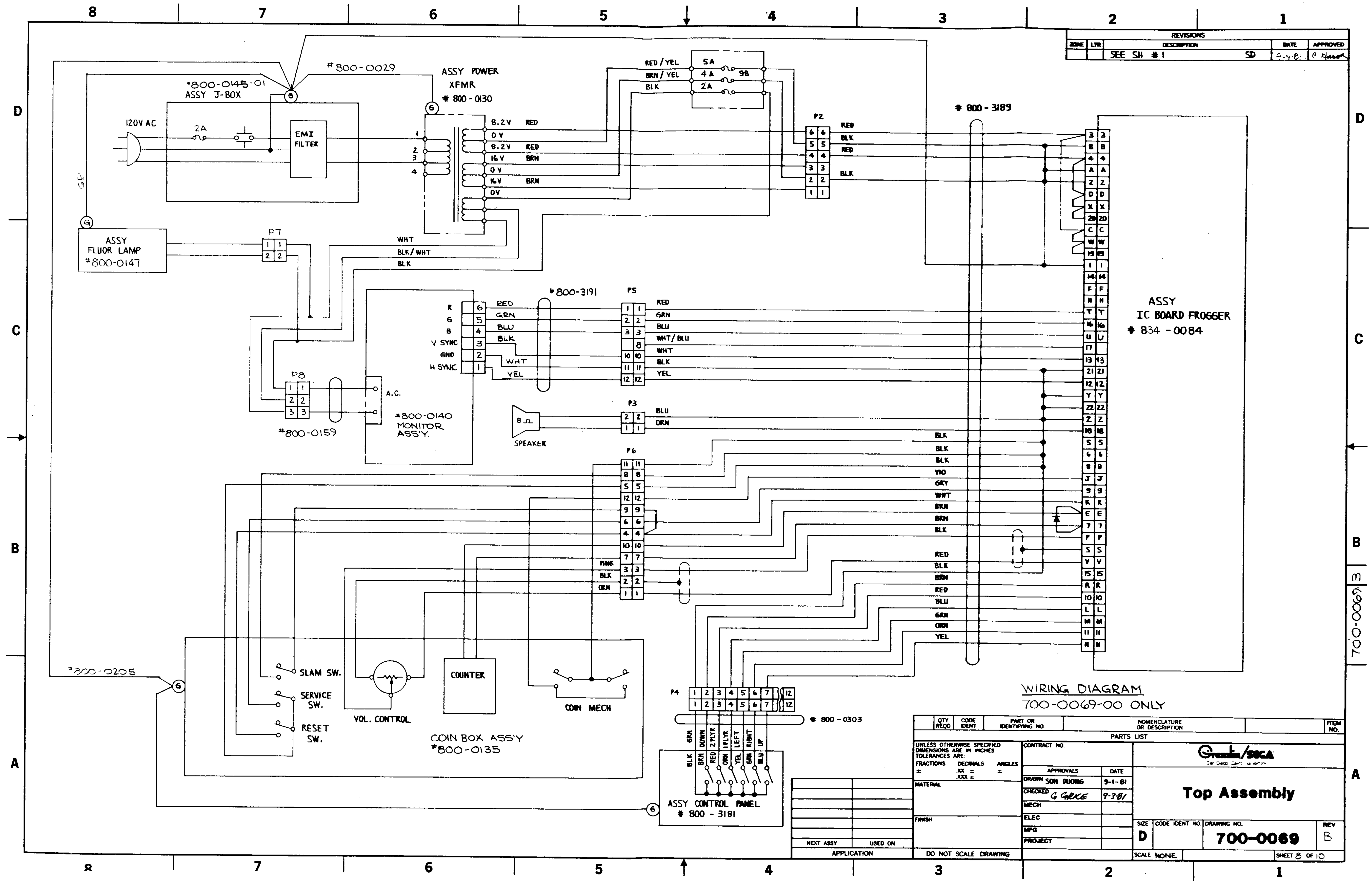


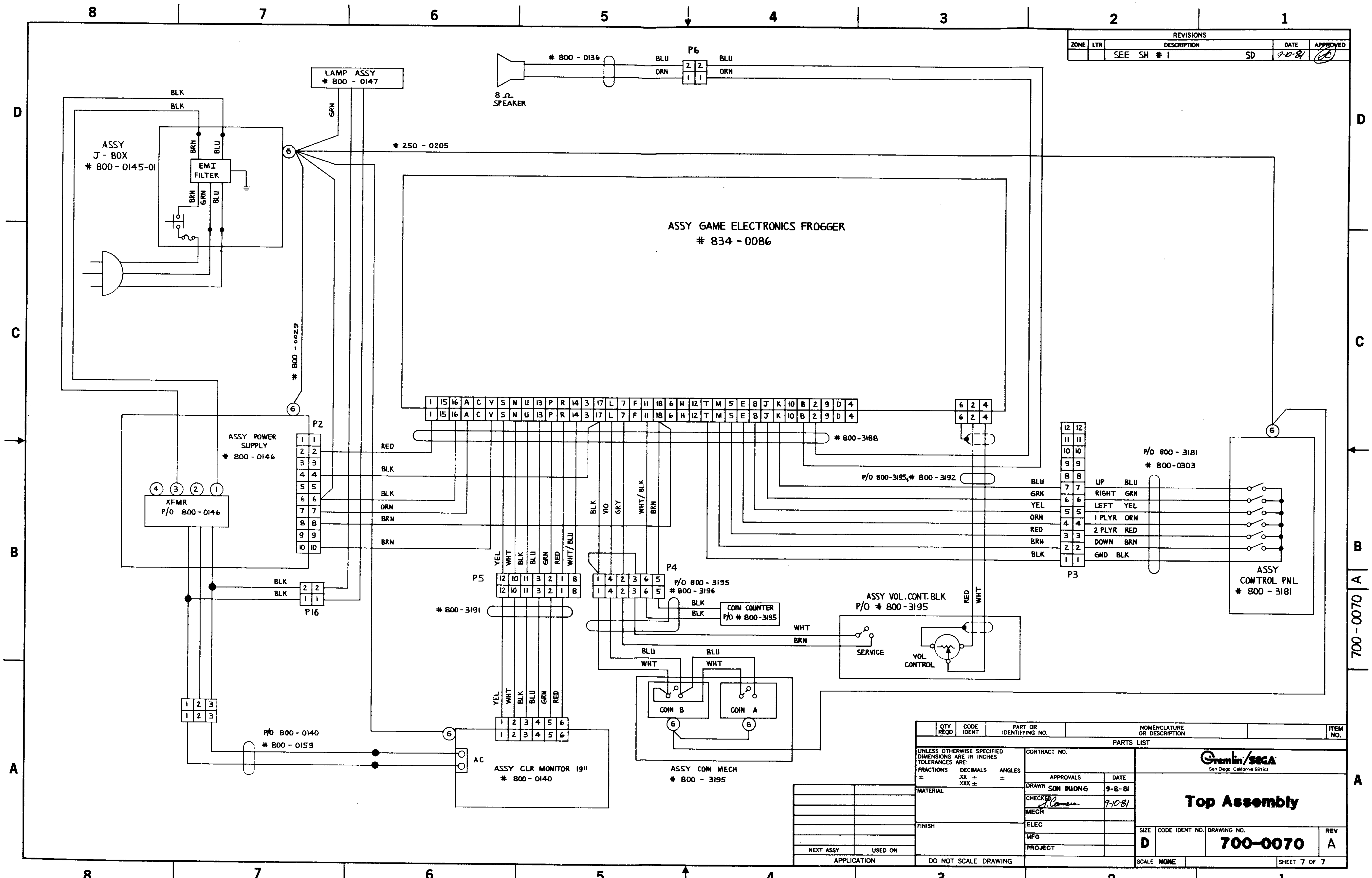
REVISIONS
ZONE LTR DESCRIPTION DATE APPROVED
SEE SH #1 SD 9-1-81
AC 120 V
ASSY J-BOX
S6B-2881-1
EMI FILTER
S6B-2881-17
RED
BLK
SHARP TYPE (120V)
BLU
YEL
CR
NANAO TYPE (100V)
DEMAGNETIZING SW.
S6B-2881-3
NANAO TYPE 100V
SHARP TYPE (120V)
WHT
100V OR 115V
2 A
YEL (COM) 0V
RED/WHT
(RED/YEL)
100V
115V
230V
ORN/BLK
(BLK/RED)
(COM.) 0V BLK
560-0051
ISO XFMR
ASSY FLUOR LAMP
S6B-2881-2
S6B-2881-18
A.C.
100V A.C.
(120V A.C.)
NANAO TYPE
AC 100V # 97334-P
OR
SHARP TYPE
AC 120V # 97232-P
R
G
B
SYNC
GND
230V 115V 100V 0V
ASSY PWR SUPPLY
800-0146
P2
BRN
ORN
BLK
RED
ASSY GAME ELECTRONICS FROGGER
834-0086
800-3188
8 Ω
S6B-2881-9
PINK
GRY
P6
ORN
BLU
P4
WHT/BLK
BRN
VIO
GRY
BLK
ASSY
800-3192
P3
UP BLU
RIGHT GRN
LEFT YEL
1 PLYR ORN
2 PLYR RED
DOWN BRN
GND BLK
800-0303
ASSY
CONTROL PNL.
800-3181
SERVICE
SHIELD
VOL. CONTROL
S6B-2881-6
COUNTER
S6B-2881-7
COIN B
COIN A
P5
WHT/BLU
BLU/WHT
QTY REQD
CODE IDENT
PART OR IDENTIFYING NO.
NOMENCLATURE OR DESCRIPTION
ITEM NO.
PARTS LIST
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:
FRACTIONS ±
DECIMALS .XX ± .XXX ±
ANGLES ±
MATERIAL
FINISH
NEXT ASSY
USED ON
APPLICATION
DO NOT SCALE DRAWING
CONTRACT NO.
APPROVALS
DATE
DRAWN SON DUONG 8-31-81
CHECKED G G RICE 8-31-81
MECH
ELEC
MFG
PROJECT
Gremlin/SEGA
San Diego, California 92123
Cabinet Wiring Diagram
SIZE D
CODE IDENT NO.
DRAWING NO. 700-0066
REV A
SCALE NONE
SHEET 5 OF 5
700-0066


REVISIONS
ZONE LTR DESCRIPTION DATE APPROVED
— SEE SHT. 1 SD 8-31-81
HARN # 800 - 0136
P6
BLU
ORN
8 Ω SPEAKER
LAMP ASSY # 800 - 0147
ASSY J - BOX # 800 - 0145
EMI FILTER
250 - 0430
ASSY GAME ELECTRONICS FROGGER # 834 - 0086
800 - 0153
ASSY POWER SUPPLY # 800 - 0146
XFMR P/O 800 - 0146
P2
800 - 3188
800 - 3192
800 - 0303
UP BLU
RIGHT GRN
LEFT YEL
1 PLYR ORN
2 PLYR RED
DOWN BRN
GND BLK
P3
ASSY CONTROL PNL # 800 - 3181
SPLICE 2 PL
P16
P5
HARN # 800-3191
P4
HARN # 800-3132
COIN COUNTER P/O # 800-3131
ITEM NO 3 REF
ASSY VOL. CONT. BLK # 800 - 3190
SERVICE
VOL CONTROL
COIN B
COIN A
ASSY COIN MECH # 800 - 3131
HARN # 800 - 0159
P/O # 250-0430
SPLICE 2 PL
AC
ASSY CLR MONITOR 19" # 800 - 0140
QTY REQD | CODE IDENT | PART OR IDENTIFYING NO. | NOMENCLATURE OR DESCRIPTION | ITEM NO.
PARTS LIST
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS ± DECIMALS .XX ± .XXX ± ANGLES ±
MATERIAL
FINISH
NEXT ASSY USED ON
APPLICATION
DO NOT SCALE DRAWING
CONTRACT NO.
APPROVALS DATE
DRAWN SON DUONG 8-28-81
CHECKED G GRICE 8-31-81
MECH
ELEC
MFG
PROJECT
Gremlin/SEGA San Diego, California 92123
Cabinet Wiring Diagram
SIZE D CODE IDENT NO. DRAWING NO. 700-0067 REV A
SCALE NONE SHEET 5 OF 5
700-0067 A

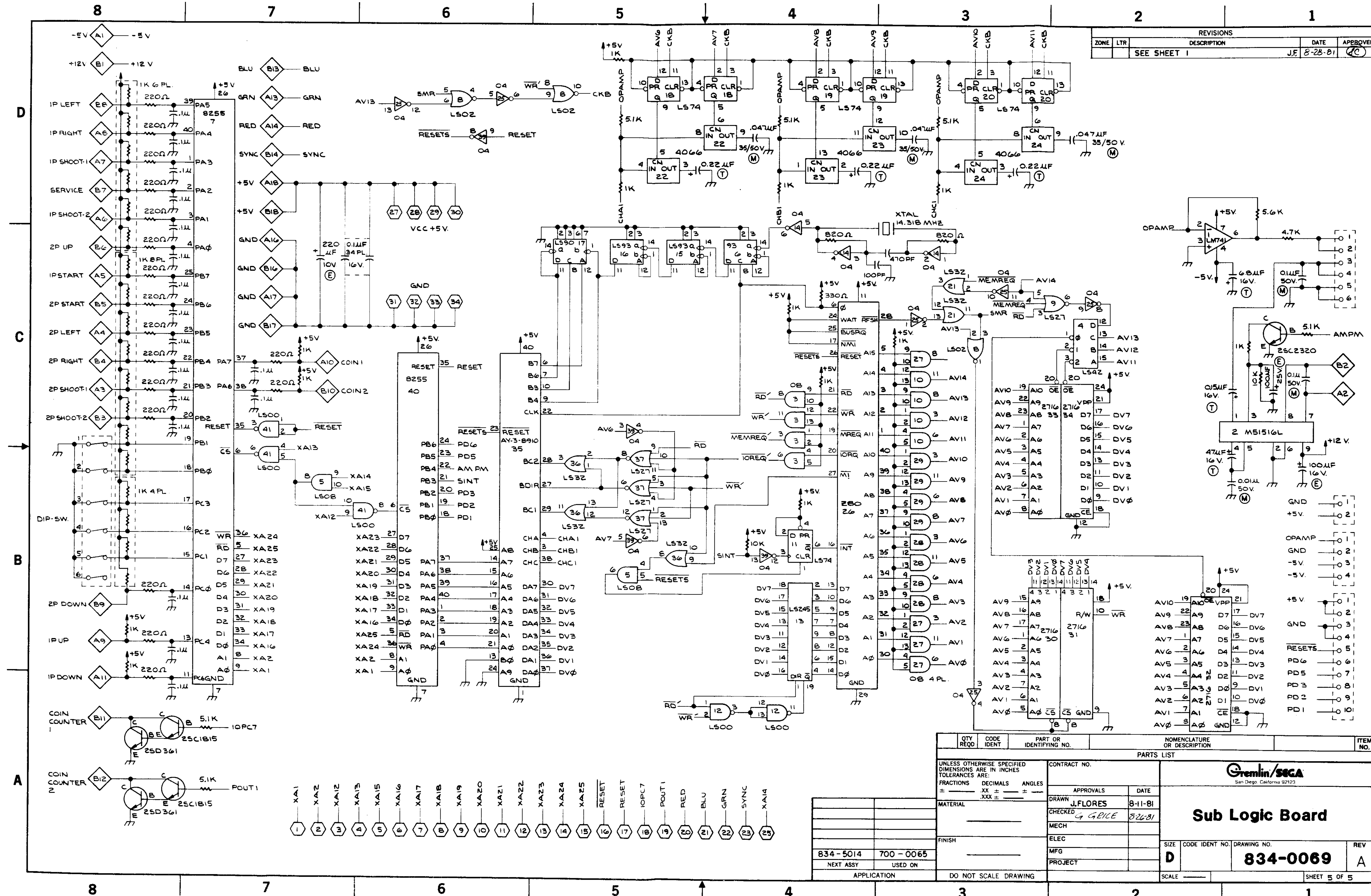


REVISIONS
ZONE LTR DESCRIPTION DATE APPROVED
SEE SH #1 SD 9-4-81
*800-0145-01
ASSY J-BOX
120V AC
2A
EMI FILTER
ASSY POWER XFMR
800-0130
8.2V RED
0V
8.2V RED
16V BRN
0V
16V BRN
0V
RED/YEL
BRN/YEL
BLK
5A
4A
2A
SB
P2
800-3189
ASSY FLUOR LAMP
WHT
BLK/WHT
BLK
R
G
B
V SYNC
GND
H SYNC
RED
GRN
BLU
WHT
BLK
YEL
#800-3191
P5
WHT/BLU
A.C.
#800-0140
MONITOR ASS'Y
#800-0159
P3
SPEAKER
ORN
ASSY
IC BOARD FROGGER
800-0084
P6
VIO
GRY
SHIELD
SLAM SW.
SERVICE SW.
RESET SW.
VOL. CONTROL
COUNTER
COIN MECH
COIN BOX ASS'Y
*800-0135
P4
800-0303
DOWN
2 PLYR
1 PLYR
LEFT
RIGHT
UP
ASSY CONTROL PANEL
800-3181
QTY REQD
CODE IDENT
PART OR IDENTIFYING NO.
NOMENCLATURE OR DESCRIPTION
ITEM NO.
PARTS LIST
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:
FRACTIONS DECIMALS ANGLES
MATERIAL
FINISH
NEXT ASSY
USED ON
APPLICATION
DO NOT SCALE DRAWING
CONTRACT NO.
APPROVALS
DATE
DRAWN SON DUONG 9-1-81
CHECKED G GRICE 9-3-81
MECH
ELEC
MFG
PROJECT
Gremlin/SEGA
San Diego, California 92123
Top Assembly
SIZE D
CODE IDENT NO.
DRAWING NO. 700-0068
REV A
SCALE NONE
SHEET 5 OF 5
700-0068 A

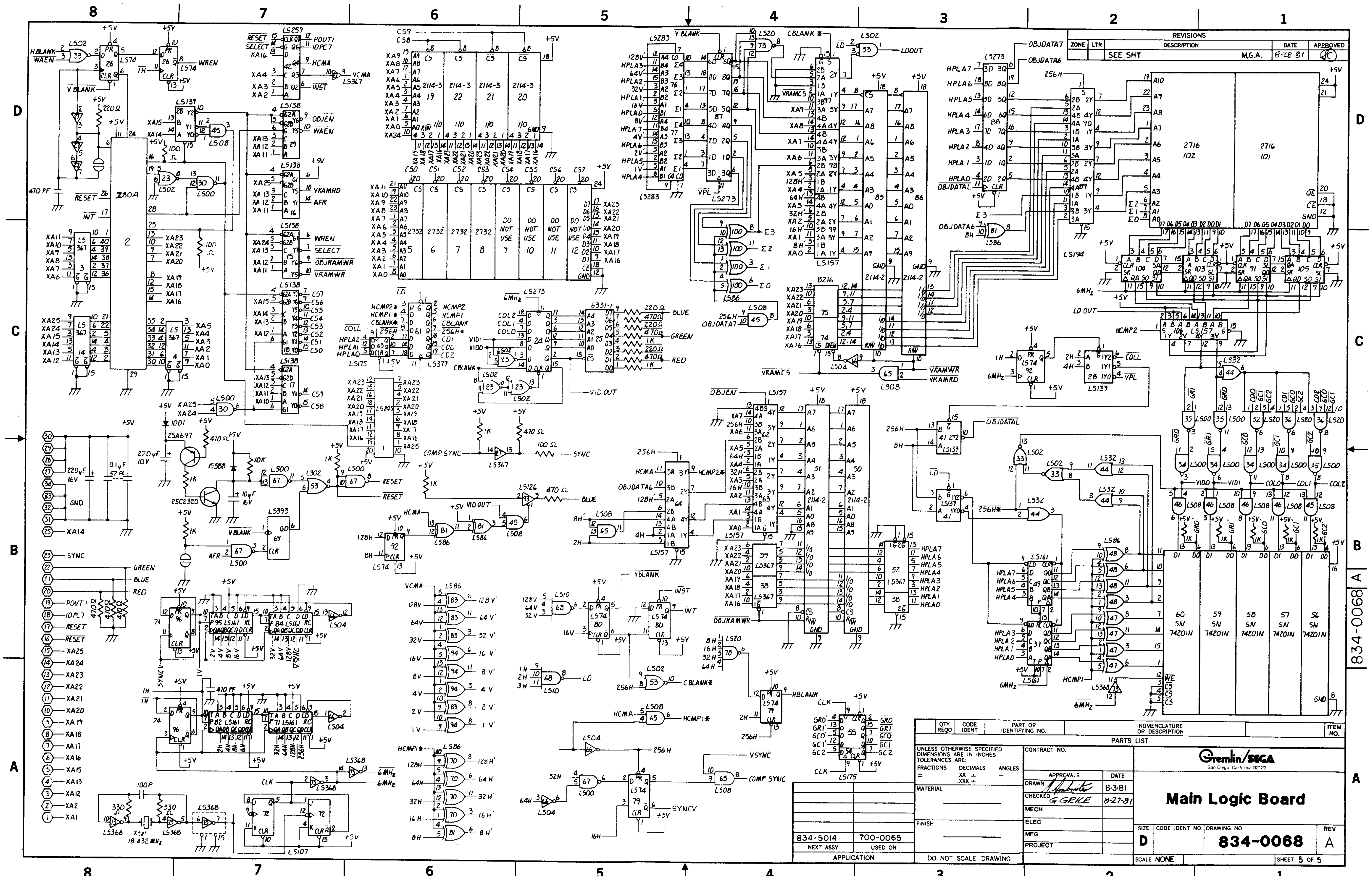

REVISIONS
ZONE LTR DESCRIPTION DATE APPROVED
SEE SH #1 SD 9-4-81
120V AC
2A
EMI FILTER
*800-0145-01 ASSY J-BOX
#800-0029
ASSY POWER XFMR # 800-0130
8.2V RED
0V
8.2V RED
16V BRN
0V
16V BRN
0V
RED/YEL 5A
BRN/YEL 4A
BLK 2A
SB
P2
RED
BLK
RED
BLK
800-3189
ASSY FLUOR LAMP #800-0147
P7
WHT
BLK/WHT
BLK
R G B V SYNC GND H SYNC
RED GRN BLU BLK WHT YEL
*800-3191
P5
RED GRN BLU WHT/BLU WHT BLK YEL
P8
A.C.
*800-0140 MONITOR ASS'Y.
#800-0159
SPEAKER
P3
BLU ORN
P6
PINK BLK ORN
BLK BLK BLK YIO GRY WHT BRN BRN BLK
RED BLK BRN RED BLU GRN ORN YEL
ASSY IC BOARD FROGGER # 834-0084
#800-0205
SLAM SW.
SERVICE SW.
RESET SW.
VOL. CONTROL
COUNTER
COIN MECH
COIN BOX ASS'Y *800-0135
P4
800-0303
GRN DOWN 2 PLYR 1 PLYR LEFT RIGHT UP
BLK BRN RED ORN YEL GRN BLU
ASSY CONTROL PANEL # 800-3181
WIRING DIAGRAM
700-0069-00 ONLY
QTY REQD CODE IDENT PART OR IDENTIFYING NO. NOMENCLATURE OR DESCRIPTION ITEM NO.
PARTS LIST
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE
FRACTIONS DECIMALS ANGLES
MATERIAL
FINISH
NEXT ASSY USED ON
APPLICATION
DO NOT SCALE DRAWING
CONTRACT NO.
APPROVALS DATE
DRAWN SON DUONG 9-1-81
CHECKED G GRICE 9-3-81
MECH
ELEC
MFG
PROJECT
Gremlin/SEGA
Top Assembly
SIZE D CODE IDENT NO. DRAWING NO. 700-0069 REV B
SCALE NONE SHEET 8 OF 10
700-0069 B



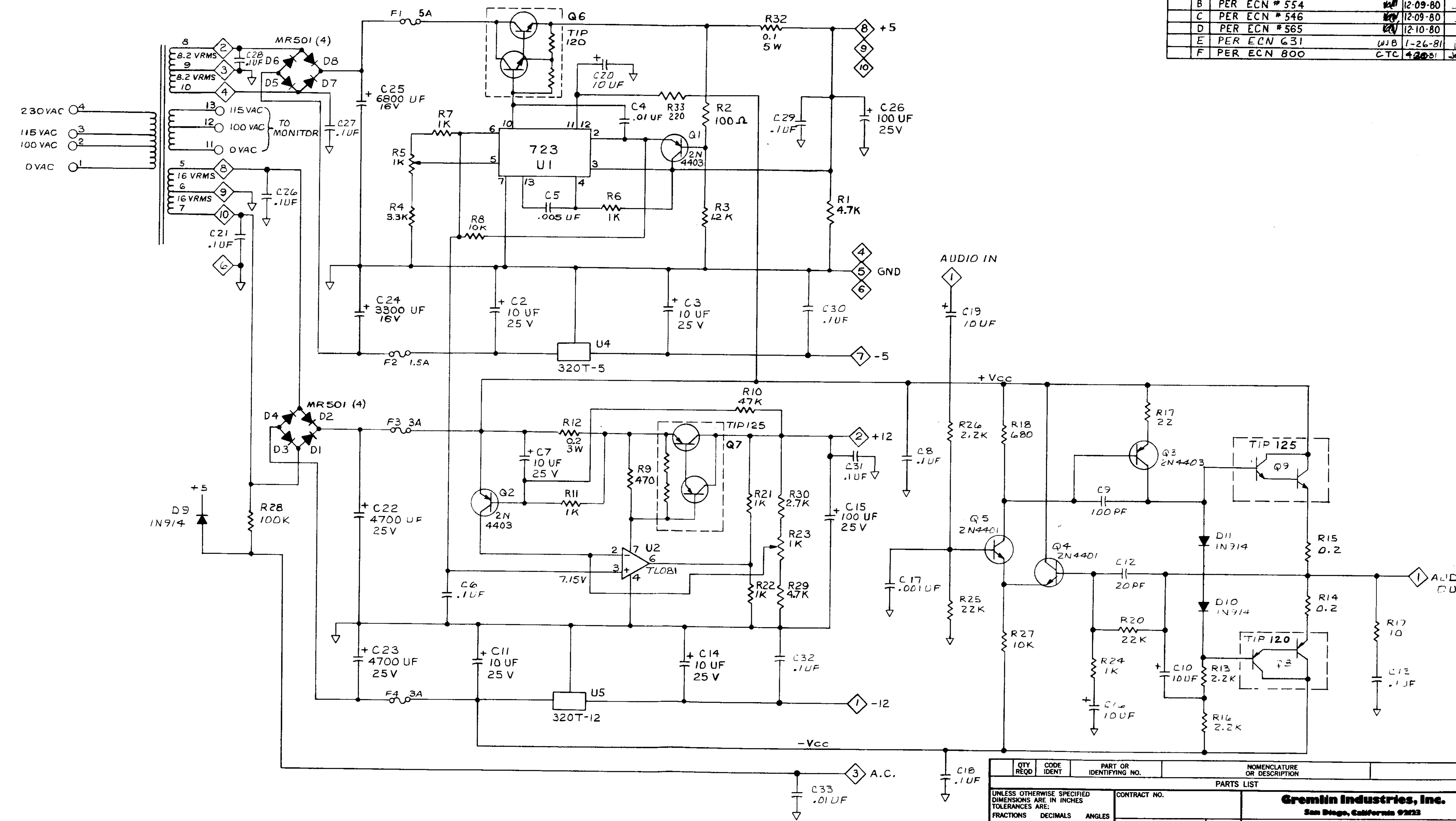
REVISIONS
ZONE | LTR | DESCRIPTION | DATE | APPROVED
SEE SH # 1 SD 9-10-81
800 - 0136
8 Ω SPEAKER
P6
BLU
ORN
LAMP ASSY
800 - 0147
ASSY J - BOX
800 - 0145-01
EMI FILTER
BLK
BRN
BLU
GRN
250 - 0205
800 - 0029
ASSY GAME ELECTRONICS FROGGER
834 - 0086
800-3188
ASSY POWER SUPPLY
800 - 0146
P2
XFMR
P/O 800-0146
RED
BLK
ORN
BRN
P16
P5
YEL
WHT
GRY
YIO
WHT/BLK
WHT/BLU
P4
P/O 800 - 3195
800 - 3196
800-3191
COIN COUNTER
P/O # 800-3195
ASSY VOL.CONT.BLK
P/O # 800-3195
SERVICE
VOL CONTROL
P/O 800-3195,# 800-3192
P3
P/O 800 - 3181
800-0303
UP
RIGHT
LEFT
1 PLYR
2 PLYR
DOWN
GND
ASSY CONTROL PNL
800 - 3181
COIN B
COIN A
ASSY COIN MECH
800 - 3195
P/O 800 - 0140
800 - 0159
AC
ASSY CLR MONITOR 19"
800 - 0140
QTY REQD | CODE IDENT | PART OR IDENTIFYING NO. | NOMENCLATURE OR DESCRIPTION | ITEM NO.
PARTS LIST
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:
FRACTIONS ± DECIMALS .XX ± .XXX ± ANGLES ±
MATERIAL
FINISH
NEXT ASSY | USED ON
APPLICATION
DO NOT SCALE DRAWING
CONTRACT NO.
APPROVALS | DATE
DRAWN SON DUONG 9-8-81
CHECKED 9-10-81
MECH
ELEC
MFG
PROJECT
Gremlin/SEGA
San Diego, California 92123
Top Assembly
SIZE D | CODE IDENT NO. | DRAWING NO. 700-0070 | REV A
SCALE NONE | SHEET 7 OF 7
700-0070 A



REVISIONS
ZONE | LTR | DESCRIPTION | DATE | APPROVED
SEE SHEET 1 | J.F. | 8-28-81
PARTS LIST
QTY REQD | CODE IDENT | PART OR IDENTIFYING NO. | NOMENCLATURE OR DESCRIPTION | ITEM NO.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:
FRACTIONS ± | DECIMALS .XX ± .XXX ± | ANGLES ±
MATERIAL
FINISH
CONTRACT NO.
APPROVALS | DATE
DRAWN J.FLORES 8-11-81
CHECKED G GRICE 8-26-81
MECH
ELEC
MFG
PROJECT
Gremlin/SEGA
San Diego, California 92123
Sub Logic Board
SIZE D
CODE IDENT NO.
DRAWING NO. 834-0069
REV A
SCALE
SHEET 5 OF 5
834-5014 | 700-0065
NEXT ASSY | USED ON
APPLICATION
DO NOT SCALE DRAWING
834-0069 A


REVISIONS
ZONE LTR DESCRIPTION DATE APPROVED
SEE SHT M.G.A. 8-28-81
Z80A
QTY REQD CODE IDENT PART OR IDENTIFYING NO. NOMENCLATURE OR DESCRIPTION ITEM NO.
PARTS LIST
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:
FRACTIONS DECIMALS ANGLES
CONTRACT NO.
APPROVALS DATE
DRAWN 8-3-81
CHECKED G GRICE 8-27-81
MATERIAL
FINISH
MECH
ELEC
MFG
PROJECT
Gremlin/SEGA
San Diego, California 92123
Main Logic Board
SIZE D
CODE IDENT NO.
DRAWING NO. 834-0068
REV A
834-5014 NEXT ASSY
700-0065 USED ON
APPLICATION
DO NOT SCALE DRAWING
SCALE NONE
SHEET 5 OF 5
834-0068 A

ZONE	LTR	DESCRIPTION		DATE	APPROVED
	A	RELEASED	CTC/LVH	7-23-80	
	B	PER ECN # 554		12-09-80	JP
	C	PER ECN # 546		12-09-80	JP
	D	PER ECN # 565		12-10-80	JP
	E	PER ECN 631	WJB	1-26-81	
	F	PER ECN 800	CTC	4-20-81	



NOTES: UNLESS OTHERWISE INDICATED

1. ALL RESISTANCE VALUES ARE IN OHMS, 1/2 W, ±5%.

QTY REQD	CODE IDENT	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

PARTS LIST

800-0146	
NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS ± DECIMALS .XX ± .XXX ± ANGLES ±

MATERIAL

FINISH

DO NOT SCALE DRAWING

CONTRACT NO.

APPROVALS	DATE
DRAWN CTC Lien van Ho	7-2-80
CHECKED	7-23-80

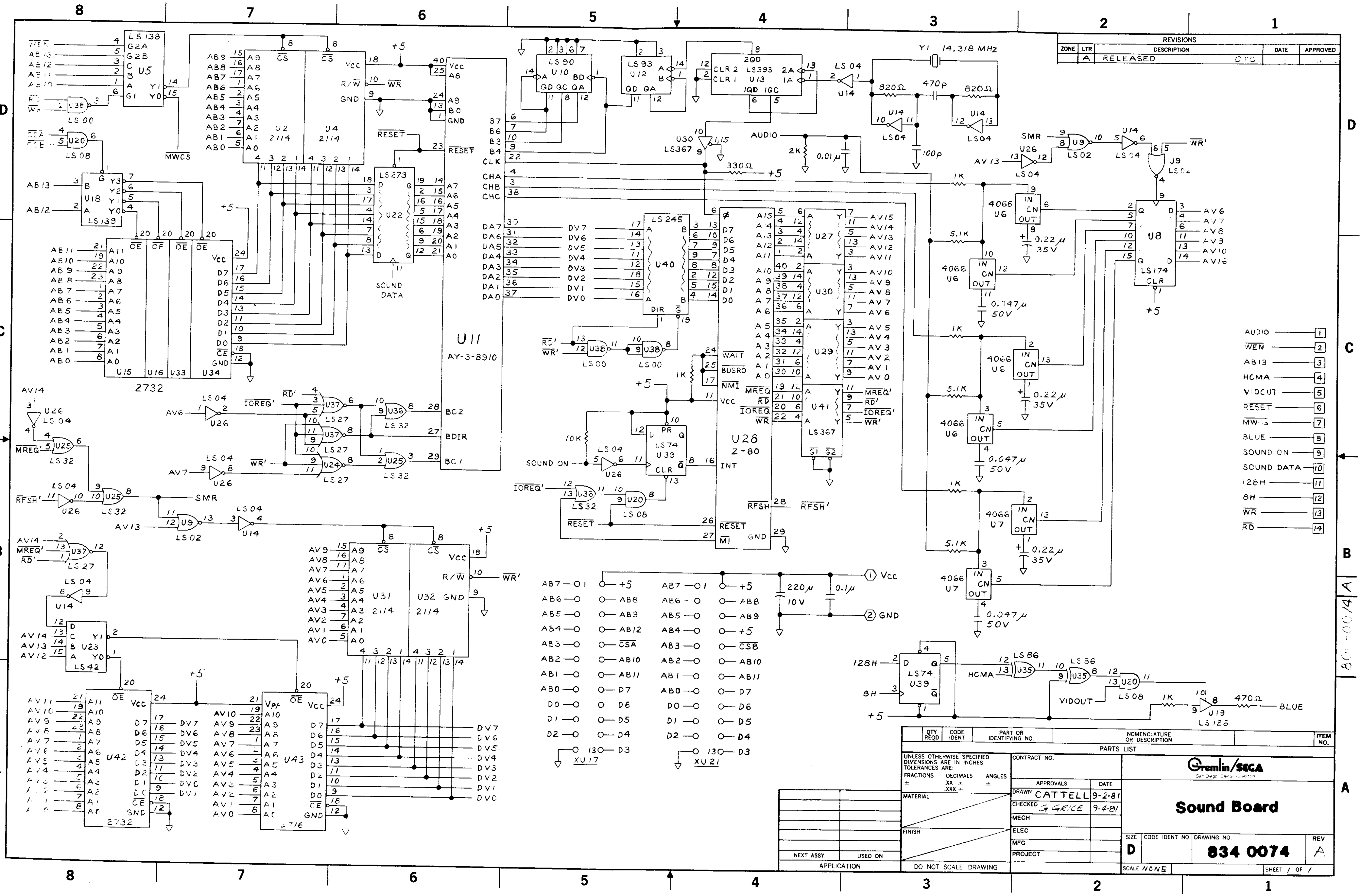
Gremlin Industries, Inc.
San Diego, California 92123

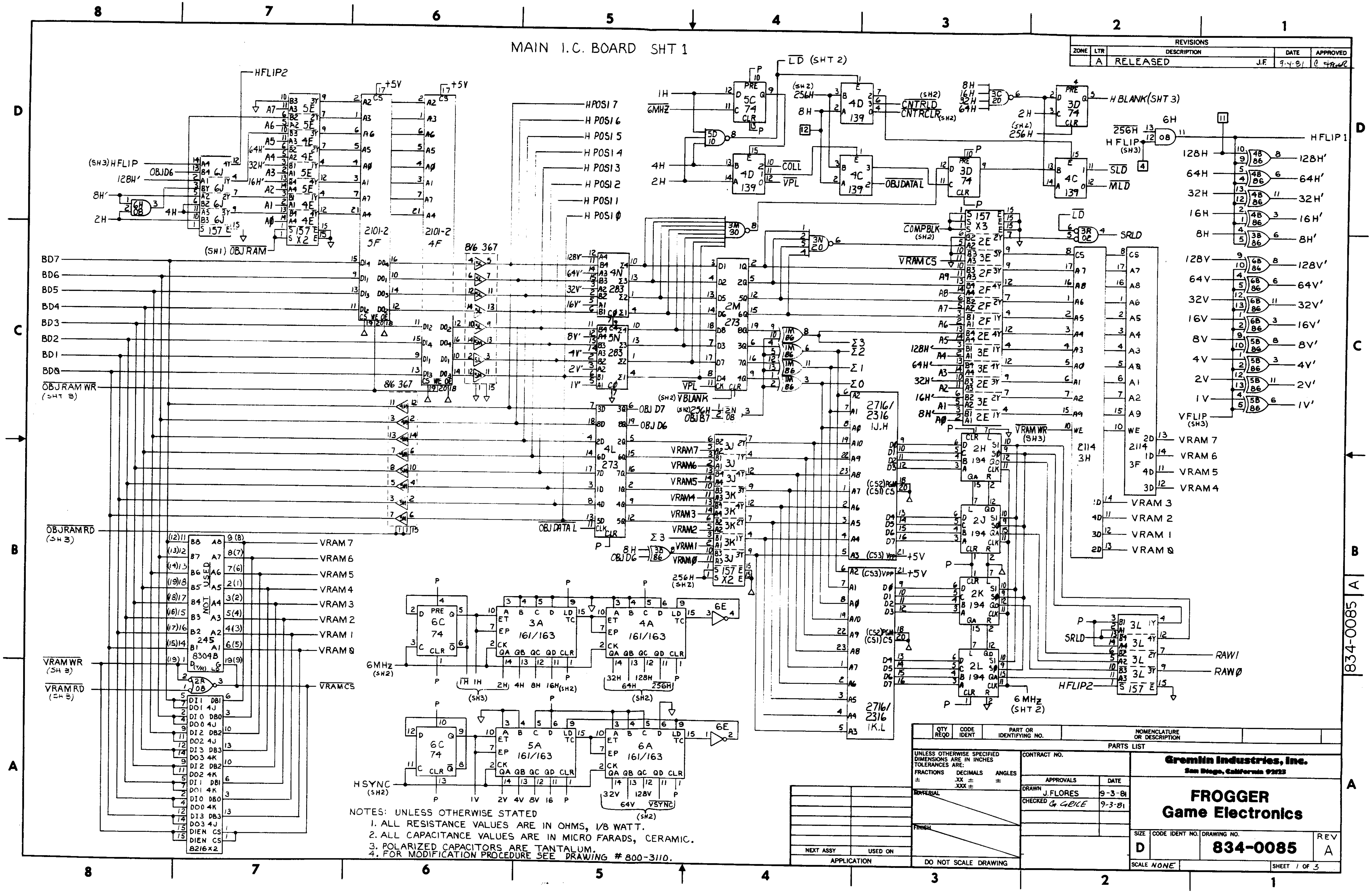
Game Power Supply

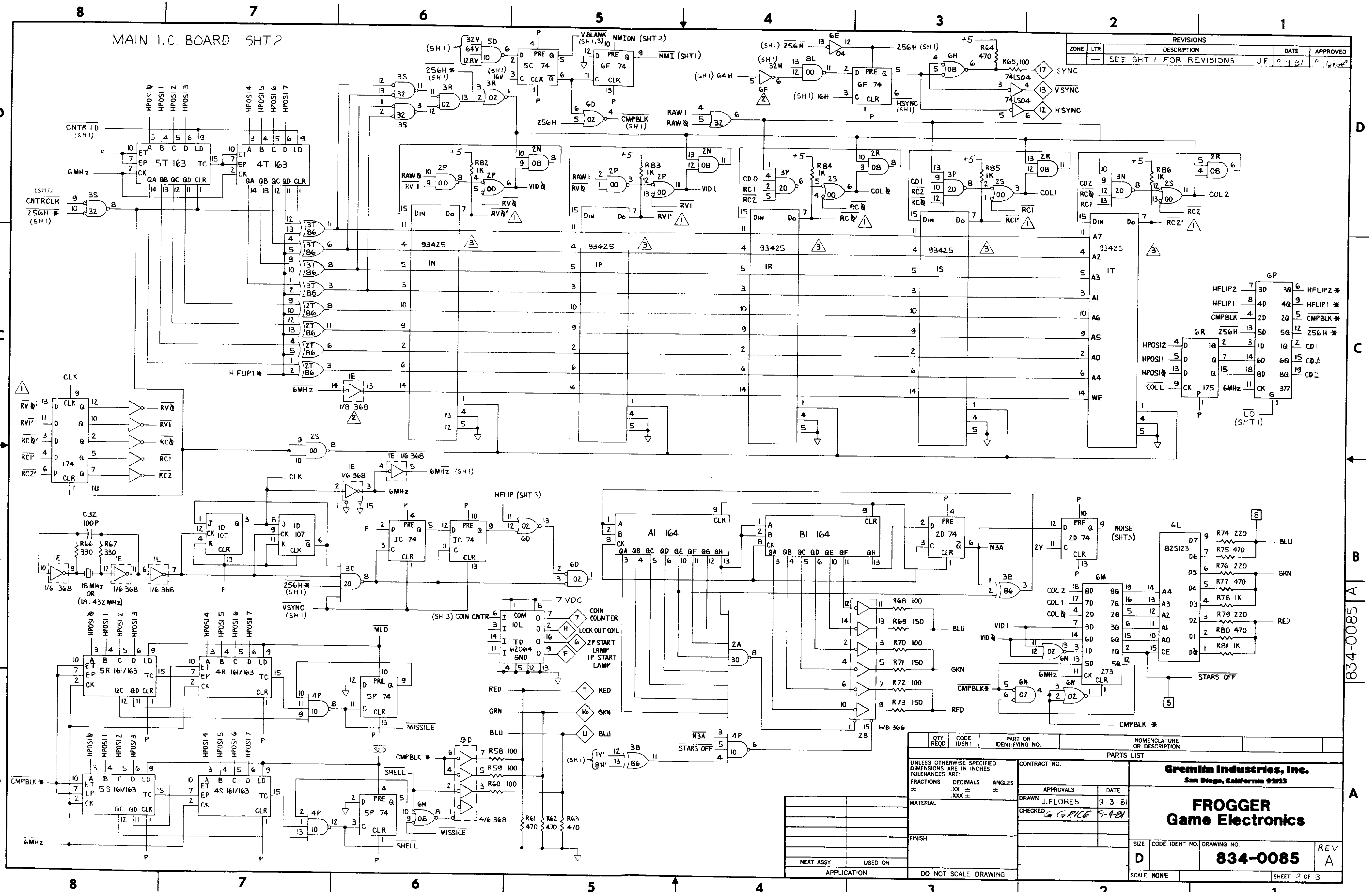
SIZE	CODE IDENT NO.	DRAWING NO.	REV.
D		800-0128	F

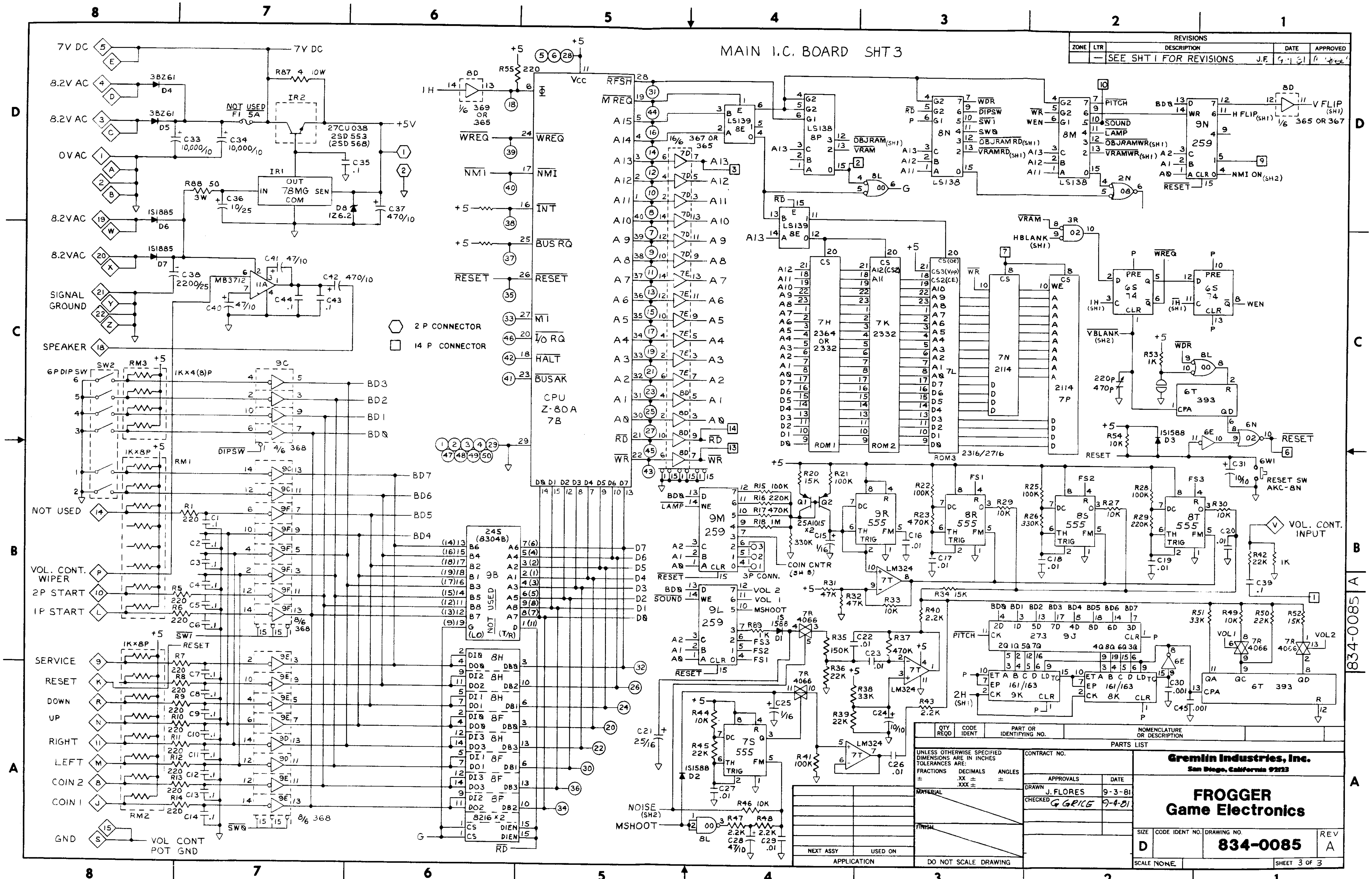
SCALE NONE | SHEET 6 OF 6

800-0128 F


REVISIONS
ZONE LTR DESCRIPTION DATE APPROVED
A RELEASED
Y1 14,318 MHz
AY-3-8910
Z-80
SOUND DATA
AUDIO
WEN
AB13
HCMA
VIDCUT
RESET
MWCS
BLUE
SOUND ON
SOUND DATA
128H
8H
WR
RD
PARTS LIST
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:
CONTRACT NO.
APPROVALS DATE
DRAWN CATTELL 9-2-81
CHECKED G GRICE 9-4-81
Gremlin/SEGA
Sound Board
SIZE D
DRAWING NO. 834 0074
REV A
SCALE NONE
SHEET 1 OF 1
DO NOT SCALE DRAWING
NEXT ASSY USED ON
APPLICATION


MAIN I.C. BOARD SHT 1
REVISIONS
ZONE LTR DESCRIPTION DATE APPROVED
A RELEASED J.F. 9-4-81
HFLIP2
HBLANK (SHT 3)
HFLIP 1
LD (SHT 2)
CNTRLD
CNTRLCLR
COLL
VPL
OBJDATAL
SLD
MLD
SRLD
COMPBLK
VRAMCS
VRAM WR
OBJRAM WR (SH 3)
OBJRAM RD (SH 3)
VRAMWR (SH 3)
VRAMRD (SH 3)
BD7
BD6
BD5
BD4
BD3
BD2
BD1
BD0
H POSI 7
H POSI 6
H POSI 5
H POSI 4
H POSI 3
H POSI 2
H POSI 1
H POSI 0
OBJ D7
OBJ D6
VRAM 7
VRAM 6
VRAM 5
VRAM 4
VRAM 3
VRAM 2
VRAM 1
VRAM 0
128H'
64H'
32H'
16H'
8H'
128V'
64V'
32V'
16V'
8V'
4V'
2V'
1V'
RAW1
RAW0
6MHz (SHT 2)
HSYNC (SH2)
NOTES: UNLESS OTHERWISE STATED
1. ALL RESISTANCE VALUES ARE IN OHMS, 1/8 WATT.
2. ALL CAPACITANCE VALUES ARE IN MICRO FARADS, CERAMIC.
3. POLARIZED CAPACITORS ARE TANTALUM.
4. FOR MODIFICATION PROCEDURE SEE DRAWING # 800-3110.
QTY REQD
CODE IDENT
PART OR IDENTIFYING NO.
NOMENCLATURE OR DESCRIPTION
PARTS LIST
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:
FRACTIONS ±
DECIMALS .XX ± .XXX ±
ANGLES ±
CONTRACT NO.
APPROVALS DATE
DRAWN J. FLORES 9-3-81
CHECKED 9-3-81
MATERIAL
FINISH
NEXT ASSY
USED ON
APPLICATION
DO NOT SCALE DRAWING
Gremlin Industries, Inc.
San Diego, California 92123
FROGGER
Game Electronics
SIZE D
CODE IDENT NO.
DRAWING NO. 834-0085
REV A
SCALE NONE
SHEET 1 OF 3
834-0085 A


MAIN I.C. BOARD SHT 2
REVISIONS
SEE SHT 1 FOR REVISIONS
PARTS LIST
Gremlin Industries, Inc.
San Diego, California 92123
FROGGER
Game Electronics
DRAWN J.FLORES 9-3-81
SIZE D
DRAWING NO. 834-0085
REV A
SCALE NONE
SHEET 2 OF 3
DO NOT SCALE DRAWING
APPLICATION


MAIN I.C. BOARD SHT3
REVISIONS
ZONE LTR DESCRIPTION DATE APPROVED
— SEE SHT 1 FOR REVISIONS
CPU Z-80A 7B
2P CONNECTOR
14 P CONNECTOR
7V DC
8.2V AC
0V AC
SIGNAL GROUND
SPEAKER
6P DIP SW
NOT USED
VOL. CONT. WIPER
2P START
1P START
SERVICE
RESET
DOWN
UP
RIGHT
LEFT
COIN 2
COIN 1
GND
VOL CONT POT GND
ROM 1
ROM 2
ROM 3
COIN CNTR
3P CONN.
VOL. CONT. INPUT
RESET SW AKC-8N
NOISE (SH2)
MSHOOT
QTY REQD
CODE IDENT
PART OR IDENTIFYING NO.
NOMENCLATURE OR DESCRIPTION
PARTS LIST
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:
FRACTIONS ±
DECIMALS .XX ± .XXX ±
ANGLES ±
CONTRACT NO.
APPROVALS DATE
DRAWN J. FLORES 9-3-81
CHECKED G GRICE 9-4-81
MATERIAL
FINISH
NEXT ASSY
USED ON
APPLICATION
DO NOT SCALE DRAWING
Gremlin Industries, Inc.
San Diego, California 92123
FROGGER
Game Electronics
SIZE D
CODE IDENT NO.
DRAWING NO. 834-0085
REV A
SCALE NONE
SHEET 3 OF 3
834-0085 A